



PATENT

ATTORNEY DOCKET NO. 00398/097002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Diana W. Bianchi et al. Art Unit:
Serial No.: **08/914,332** Examiner:
Filed : July 14, 1997
Title : METHODS FOR LABELING INTRACITOPLASMIC MOLECULES

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO 1449. This statement is being filed before the receipt of a first office action on the merits.

Under 35 USC 120, this application relies on the earlier filing date of application serial number 08/388,533, filed on February 14, 1995. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

Respectfully submitted,

Date: 13 NOV 1997
~~13 NOV 1997~~ *A*

[Signature]
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Date of Deposit November 13, 1997
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

[Signature]
Carrie A. Amato

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 00398/097002	SERIAL NO. 08/914,332
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (See Section 1.98(b) if necessary)		APPLICANT Diana W. Bianchi et al.	
	(37 C.F.R. 1.98(b))		FILING DATE July 14, 1997	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4	9	1	0	1	3	1	3/90	Mellman et al.				
	AB	5	1	8	0	8	1	4	1/93	Hanna, Jr. et al.				
	AC	5	2	8	8	4	7	7	2/94	Bacus				
	AD	5	3	8	7	5	2	0	2/95	Lo Presti et al.				
	AE	5	4	1	1	8	6	1	5/95	Seed et al.				
	AF	5	4	2	2	2	7	7	6/95	Connelly et al.				
	AG													
	AH													
	AI													
	AJ													
	AK													

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL							
AM							
AN							
AO							
AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

AQ	Berger et al., Simultaneous Detection of β -Galactosidase Activity and Surface Antigen Expression in Viable Haematopoietic Cells, Cytometry 17:216-223, 1994.
AR	Bianchi et al., Detection of fetal cells with 47, XY, + 21 karyotype in maternal peripheral blood, Hum. Genet. 90:368-370, 1992.
AS	Bianchi, Clinical Trials and Experience: Boston, Annals of the New York Academy of Sciences 731:92-102, 1994.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
00398/097002SERIAL NO.
08/914,332INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Diana W. Bianchi et al.FILING DATE
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GROUP

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

BA

Bianchi et al., Erythroid-Specific Antibodies Enhance Detection of Fetal Nucleated Erythrocytes in Maternal Blood, Prenatal Diagnosis 13:293-300, 1993.

BB

Bianchi et al., Isolation of fetal DNA from nucleated erythrocytes in maternal blood, Proc. Natl. Acad. Sci. USA 87:3279-3283, 1990.

BC

Boyer et al., Fetal hemoglobin Restriction to a Few Erythrocytes (F Cells) in Normal Human Adults, Science 188:361, 1975.

BD

Brunch et al., Cellular Origins of the Fetal-Haemoglobin-Containing Cells of Normal Adults, The Lancet 1163-1165, 1979.

BE

Clevenger et al., Quantitative Analysis of a Nuclear Antigen in Interphase and Mitotic Cells, Cytometry 8:280-286, 1987.

BF

D'Alton et al., Current Problems in Obstetrics, Gynecology and Fertility XVII:41-80, 1994.

BG

Geifman-Holtzman et al., Prenatal Genetic Diagnosis by Isolation and Analysis of Fetal Cells Circulating in Maternal Blood, Seminars in Perinatology 18:366-375, 1994.

BH

Jacobberger et al., Analysis of Intracellular Antigens by Flow Cytometry, Cytometry 7:356-364, 1986.

BI

Kumar et al., Cell Separation: A Review, Pathology 16:53-62, 1984.

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Papayannopoulou et al., Erythroid Progenitors Circulating in the Blood of Adult Individuals Produce Fetal Hemoglobin in Culture, Science 199:1349-1350, 1978.

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Parks et al., Flow Cytometry and Fluorescence-Activated Cell Sorting, Fundamental Immunology, Second Ed., Chapter 29, 781-802, 1989.

BL

Pembrey et al., Maternal Synthesis of Haemoglobin F in Pregnancy, The Lancet, June 16, 1350-1354, 1973.

EXAMINER

DATE CONSIDERED

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Substitute Disclosure Form (PTO-1449)

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 00398/097002		SERIAL NO. 08/914,332	
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				FILING DATE July 14, 1997		GROUP	
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
	CA	Pipe et al., Flow-Cytometric Detection of the RIX Subunit of Type I C-AMP-Dependent Protein Kinase in Human Cells, Cytometry <u>15</u> :73-79 1994.					
	CB	Pollice et al., Sequential Paraformaldehyde and Methanol Fixation for Simultaneous Flow Cytometric Analysis of DNA, Cell Surface Proteins, and Intracellular Proteins, Cytometry <u>13</u> :432-444, 1992.					
	CC	Popat et al., Pattern of Maternal F-Cell Production During Pregnancy, The Lancet, August 20, 377-379, 1977.					
	CD	Price et al., Prenatal diagnosis with fetal cells isolated from maternal blood by multiparameter flow cytometry, Am. J. Obstet. Gynecol. <u>165</u> :1731-1737, 1991.					
	CE	Ren et al., Topology of Prostaglandin H Synthase-1 in the Endoplasmic Reticulum Membrane, Archives of Biochem. and Biophys. <u>323</u> (1):205-214, 1995.					
	CF	Ruff-Roberts et al., FISH on Flow-Sorted Cells, Am. J. of Human Genetics, <u>57</u> (4):A287. No. 1671.					
	CG	Schimenti et al., Fixation of Mammalian Cells for Flow Cytometric Evaluation of DNA Content and Nuclear Immunofluorescence, Cytometry, <u>13</u> :48-59, 1992.					
	CH	Schmid et al., A Gentle Fixation and Permeabilization Method for Combined Cell Surface and Intracellular Staining with improved Precision in DNA Quantification, Cytometry <u>12</u> :279-285 1981.					
	CI	Wachtel et al., Fetal cells in the maternal circulation: isolation by multiparameter flow cytometry and confirmation by polymerase chain reaction, Human Reproduction <u>6</u> :1466-1469, 1991.					
	CJ	Yheng et al., Flow sorting of Fetal Erythroblasts using Intracytoplasmic Anti-Fetal Haemoglobin: Preliminary Observations on Maternal Samples, Prenatal Diagnosis <u>15</u> :897-905, 1995.					
	CK	Zheng et al., Prenatal diagnosis from maternal blood: simultaneous immunophenotyping and FISH of fetal nucleated erythrocytes isolated by negative magnetic cell sorting, J. Med. Genet. <u>30</u> :1051-1056, 1993.					
	CL	PCT/US96/01806 PCT search report mailed April 11, 1996.					
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